

shp April 13

Work Order ID 81378

81378

Page 1

March-14-12 7:42:48 AM

Item ID: D350-607-541

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Heli-Utility-Basket

Start Date: 13/03/2012 Start Qty: 1.00

1

Cust Item ID:

Required Date: 27/03/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MLC

Date: 12/03/14

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D350-607-3

A

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-541 CHG003

u S. Z. K. L. G.

MLC 12/04/10

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label****

JB

12/04/10

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

S. Z. K. L. G.

76

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 81378***81378***

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Item ID: D350-607-541

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Heli-Utility-Basket

Start Date: 13/03/2012 Start Qty: 1.00

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Cust Item ID:

Required Date: 27/03/2012 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
130									
Packaging	Memo	0.00							
Packaging	Package as per PPPD350-607-541								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

mcs 12/04/16

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Picklist Print

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Work Order ID: 81378

81378

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 13/03/2012

Required Date: 27/03/2012

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV:A DD VEF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06
AS PER ECN12-535 DD VEF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D350-607-511

D350-607-511

Quick Release Basket Mounting Installation

D2690-6

D2690-6

Lanyard Assembly

Manufactured

No

110

Each

0.0000

1

1

**

B81430

Manufactured

No

110

Each

27.0000

1

1

**

JB

Location

Loc Qty

Loc Code

ST016

27

79515

27

- 79515

D3912-041

D3912-041

Eyebolt Receiver Assembly

Manufactured

No

110

Each

1.0000

1

1

**

82327 JB

Location

Loc Qty

Loc Code

ST509

1

79306

1

D4030-041

D4030-041

Long Basket Assembly (350)

D4085-3

D4085-3

Placard, Instructions

Manufactured

No

110

Each

0.0000

1

1

**

B81411

Manufactured

No

110

Each

6.0000

1

1

**

81479 JB

12/04/10

Location

Loc Qty

Loc Code

ST122

6

78972

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 81378

81378

Parent Item: D350-607-541

D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 13/03/2012

Required Date: 27/03/2012

Start Qty: 1.00

Required Qty: 1.00

D4151-041

Manufactured No

110 Each

7.0000

1

1

D4151-041

Basket Fwd Hardpoint Assembly, Lower

**

82329 20

Location

Loc Qty

Loc Code

ST131

2

78970

2

ST134

5

77604

1

79354

4

D4151-043

Manufactured No

110 Each

4.0000

1

1

D4151-043

Basket Fwd Hardpoint Assembly, Upper

**

B81689

Location

Loc Qty

Loc Code

ST134

4

80727

4

D4150-041

Manufactured No

110 Each

2.0000

1

1

D4150-041

Attachment Arm Assembly

**

B81514

Location

Loc Qty

Loc Code

ST134

2

80726

2

AN4-13A

Purchased No

110 Each

1,367.000

6

6

AN4-13A

Bolt

**

20 12/04/10

Location

Loc Qty

Loc Code

ST357

1367

119449

59

120187

408

120422

500

120770

400

120187

March-14-12 7:42:53 AM

Shop Packet Print

Page 2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

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Work Order ID: 81378

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

81378

D350-607-541

Start Date: 13/03/2012

Required Date: 27/03/2012

Start Qty: 1.00

Required Qty: 1.00

AN4C15

Purchased

No

110

Each

36.0000

1

1

**

AN4C15

BOLT

Location

Loc Qty

Loc Code

ST358

36

120124

36

110

Each

49.0000

1

1

**

AN310C4

Purchased

No

AN310C4

Nut

Location

Loc Qty

Loc Code

ST344

49

119324

19

120360

30

110

Each

18.0000

1

1

**

MS17984-C413

Purchased

No

MS17984-C413

PIN, QUICK RELEASE

Location

Loc Qty

Loc Code

ST315

8

114340

1

118612

2

120360

5

ST333

10

121011

10

JB

120124

121166

121091

12/04/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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March-14-12 7:42:53 AM

Page 4

Work Order ID: 81378

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

81378

D350-607-541

Start Date: 13/03/2012

Required Date: 27/03/2012

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

110

Each

5,753.000

6

6

**

MS21042L 4

Nut

Location

Loc Qty

Loc Code

ST300

5753

117441

51

117601

157

117885

16

118451

133

119017

232

119075

3164

121011

2000

119075

MS24665-151

Purchased

No

110

Each

315.0000

1

1

**

MS24665-151

Cotter Pin

Location

Loc Qty

Loc Code

ST309

315

17566

315

17566

NAS1515H4L

Purchased

No

110

Each

449.0000

2

2

**

***NAS1515H4L ***

WASHER

Location

Loc Qty

Loc Code

FG

8

103691

8

ST277

441

118709

4

120390

437

120390

12/04/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 81378

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

81378

D350-607-541

Start Date: 13/03/2012

Required Date: 27/03/2012

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0432P

Purchased

No

110

Each

298.0000

12

12 ✓

**

121166

JB

NAS1149F0432P

Washer

Location

Loc Qty

Loc Code

ST275

298

118840

32

119307

64

120142

2

120360

200

NAS1149C0463R

Purchased

No

110

Each

1,017.000

3

3 ✓

**

JB

NAS1149C0463R

Washer

Location

Loc Qty

Loc Code

FP001

1

115358

1

ST297

1016

117735

34

119097

982

119097

12/04/10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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NOTE: Date & initial all entries

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A

Date: 10.06.28